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**PATENT** 

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

James G. Small

Serial No.:

09/995,361 /

Filing Date:

November 27, 2001

For:

PHASED ARRAY SOURCE OF ELECTROMAGNETIC

**RADIATION** 

Examiner:

Unknown

Art Unit:

2874

Batch Number:

Unknown

## RESPONSE TO NOTICE TO FILE CORRECTED APPLICATION PAPERS

INITIAL PATENT EXAMINATION DIVISION Assistant Commissioner for Patents Washington, D.C. 20231

Dear Sir:

In response to the Notice to File Corrected Application Papers mailed December 7, 2001 enclosed are substitute drawings in compliance with 37 CFR §1.84.

Should the Examiner feel that a telephone interview would be helpful to facilitate favorable prosection of the above-identified application, the Examiner is invited to contact the undersigned at the telephone number provided below.

Should any fees be due as a result of the filing of this response, the Commissioner is hereby authorized to charge Deposit Account No. 18-0988.

09/995,361

 Respectfully Submitted, RENNER, OTTO, BOISSELLE & SKLAR

Mark D. Saralino

Reg. No. 34,243

1621 Euclid Avenue, 19th Floor Cleveland, Ohio 44115 (216) 621-1113

#### CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence (along with any paper referenced as being attached or enclosed) is being deposited on the below date with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Initial Patent Examination Division, Assistant Commissioner for Patents, Washington, D.C. 20231.

Dated: December 31, 2001

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COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER

FILING/RECEIPT DATE

FIRST NAMED APPLICANT

ATTORNEY DOCKET NUMBER

09/995,361

11/27/2001

James G. Small

RAYTP0160US

**CONFIRMATION NO. 9031** 

FORMALITIES LETTER

\*OC00000007170767\*

Mark D. Saralino Renner, Otto, Boisselle, & Sklar, L.L.P. 19th Floor 1621 Euclid Avenue Cleveland, OH 44115

Date Mailed: 12/07/2001

#### NOTICE TO FILE CORRECTED APPLICATION PAPERS

#### Filing Date Granted

This application has been accorded an Application Number and Filing Date. The application, however, is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given **TWO MONTHS** from the date of this Notice within which to correct the informalities indicated below. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a)

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
  - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

A copy of this notice MUST be returned with the reply.

**Customer Service Center** 

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

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PONSE

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RENNER OTTO BOISSELLE & SKLAR

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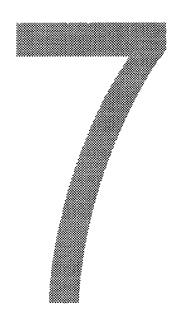
Renner, Otto, Boisse le & S-iar

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# UNITED STATES PATENT AND TRADEMARK OFFICE DOCUMENT CLASSIFICATION BARCODE SHEET



# Drawings



Level - 2 Version 1.1 Updated - 8/01/01

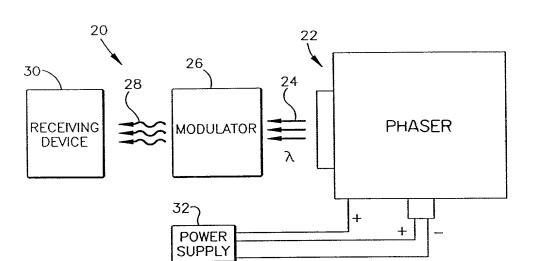
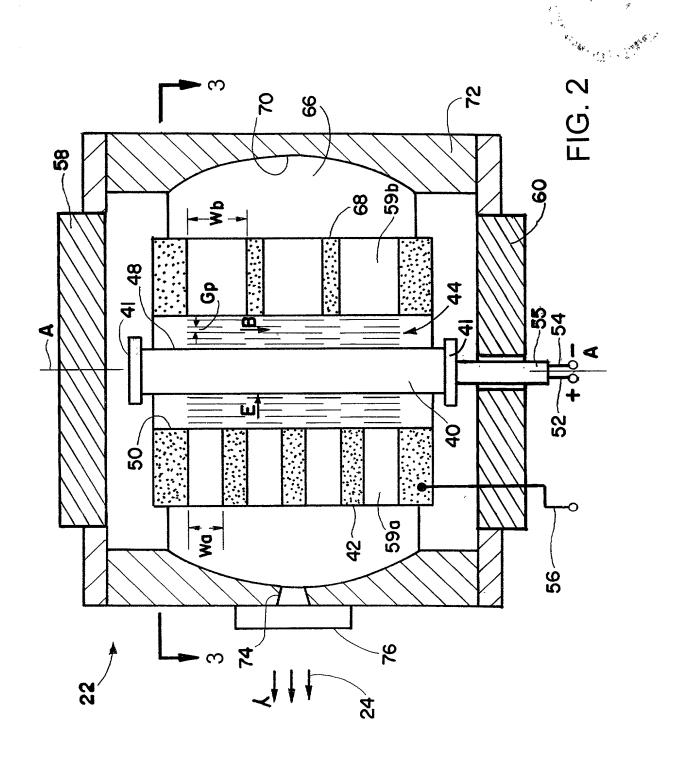
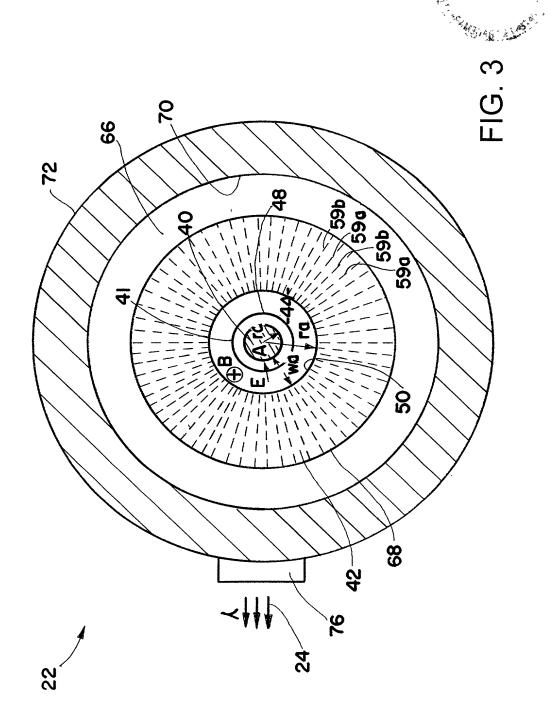
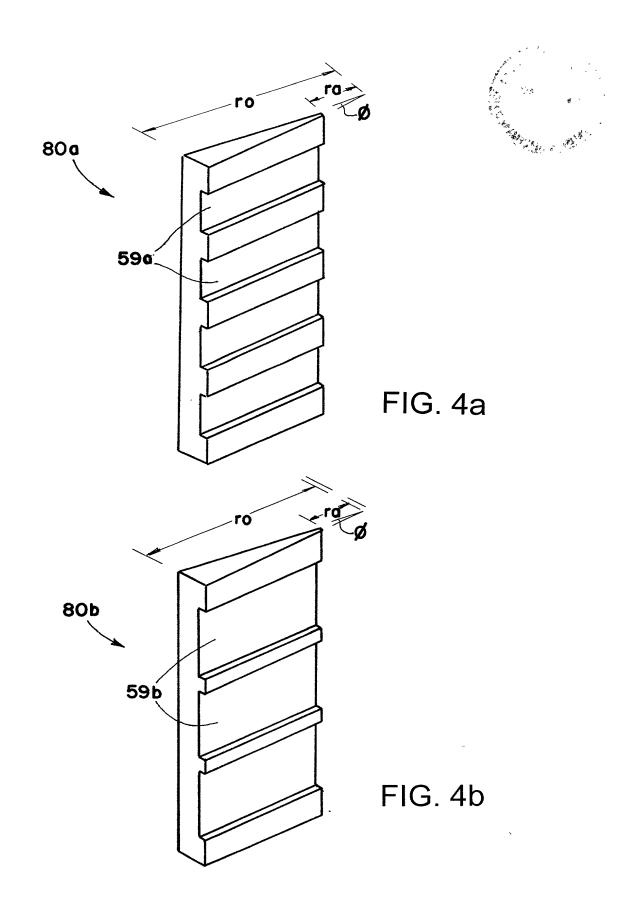
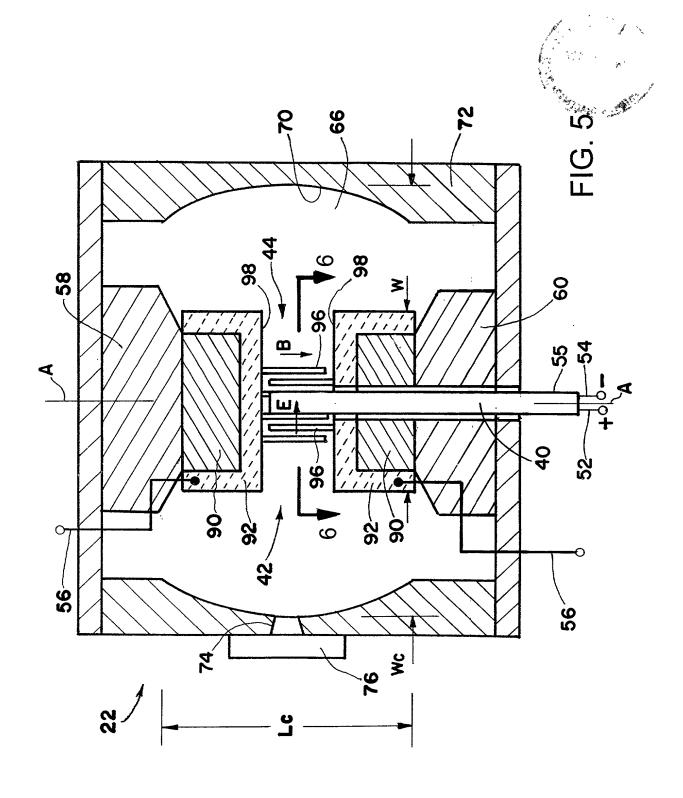


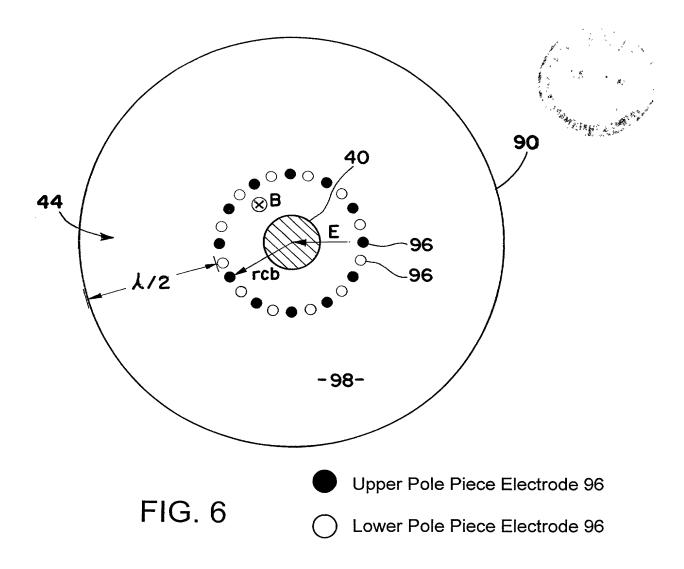
FIG. 1

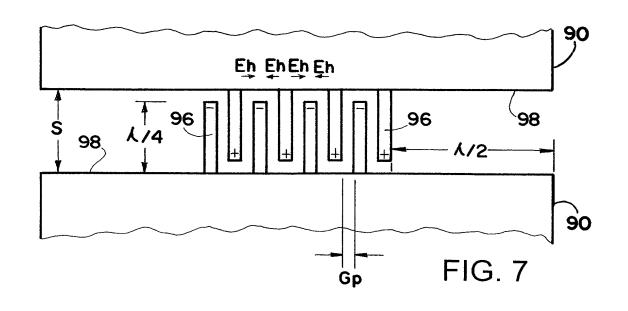












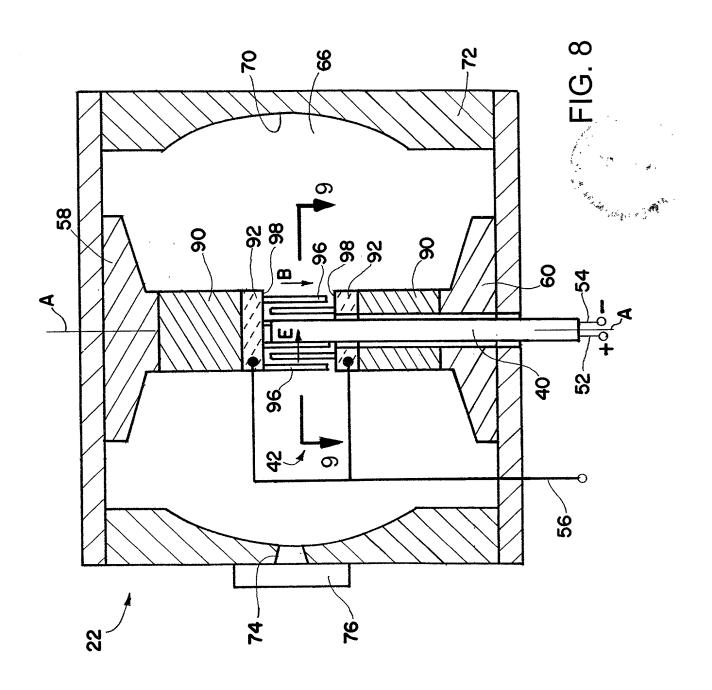
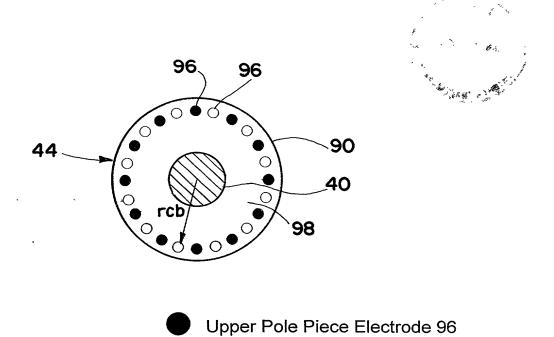
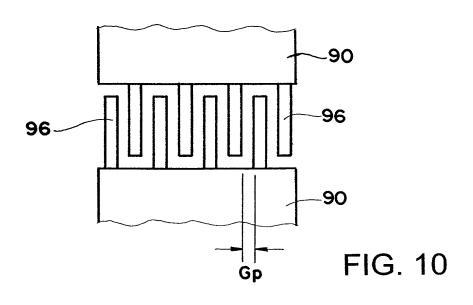


FIG. 9



Lower Pole Piece Electrode 96





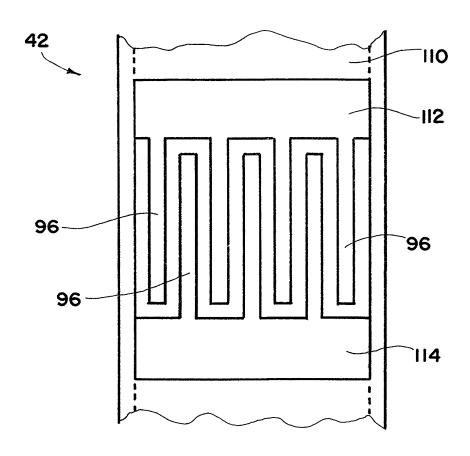


FIG. 11

